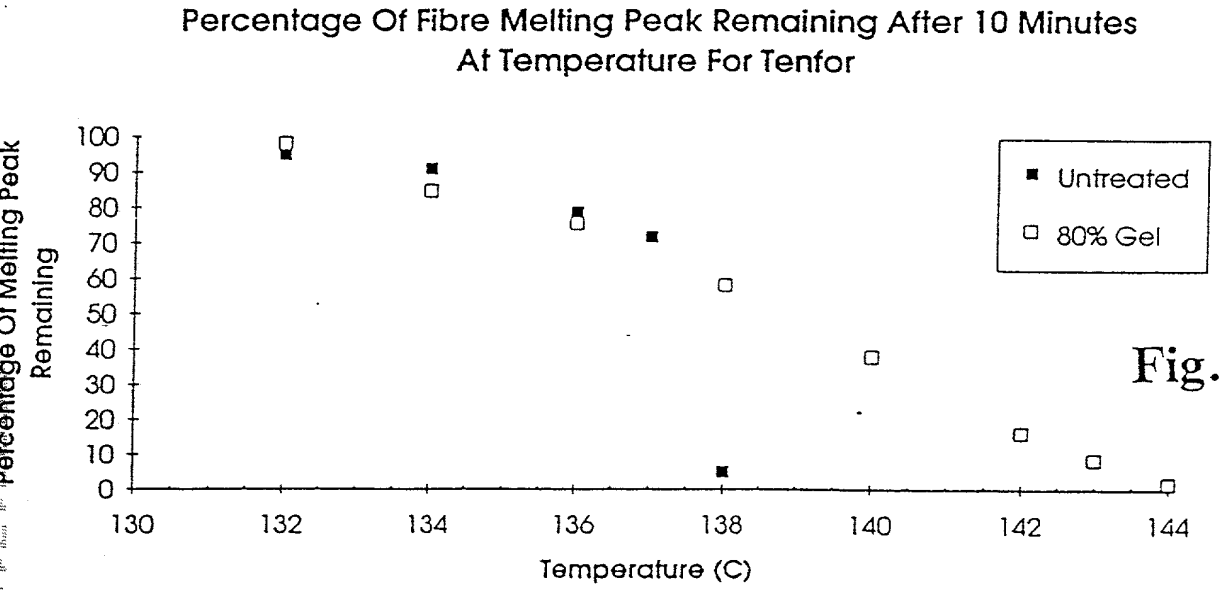

Percentage Of Fibre Melting Peak Remaining After 10 Minutes At Temperature For Tenfor
Percentage Of Melting Peak Remaining
100
90
80
70
60
50
40
30
20
10
0
130
132
134
136
138
140
142
144
Temperature (C)
Untreated
80% Gel

Fig. 1

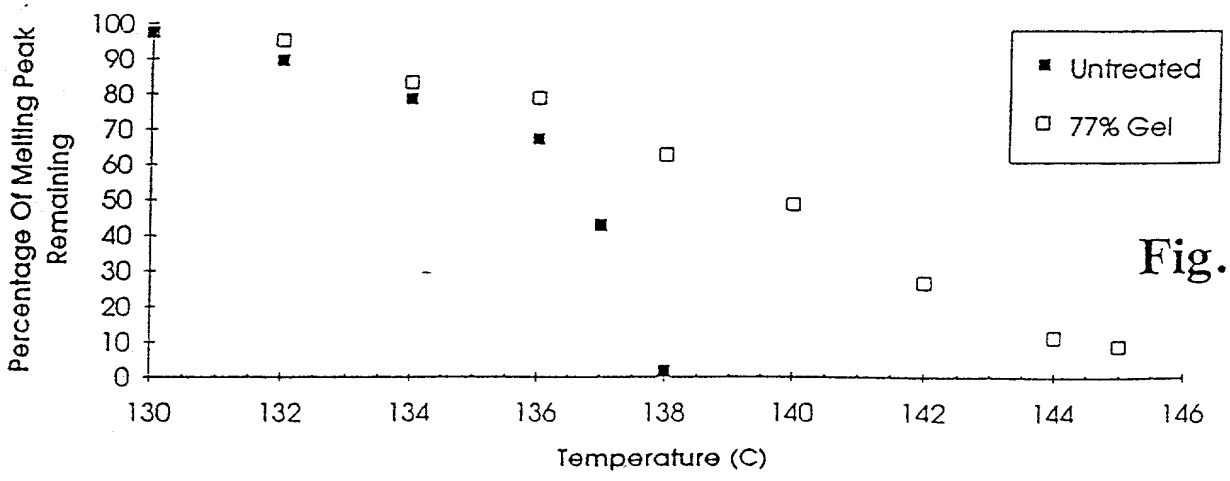

Percentage Of Fibre Melting Peak Remaining After 10 Minutes At Temperature For Certran
Percentage Of Melting Peak Remaining
100
90
80
70
60
50
40
30
20
10
0
130
132
134
136
138
140
142
144
146
Temperature (C)
Untreated
77% Gel

Fig. 2

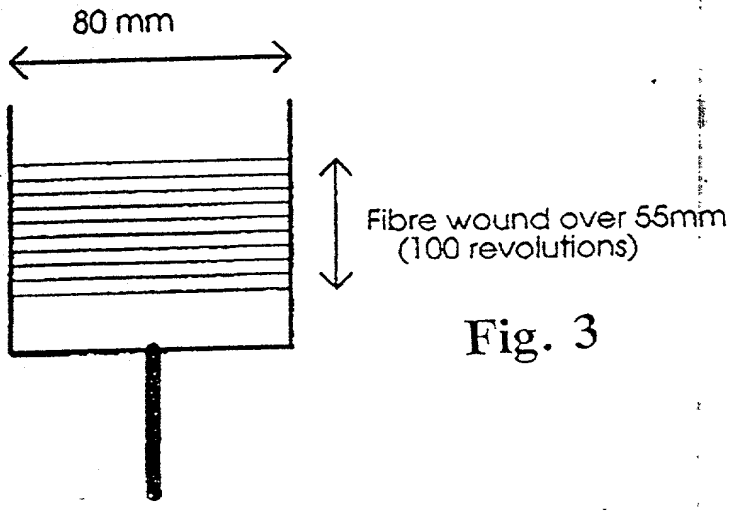


Fig. 3

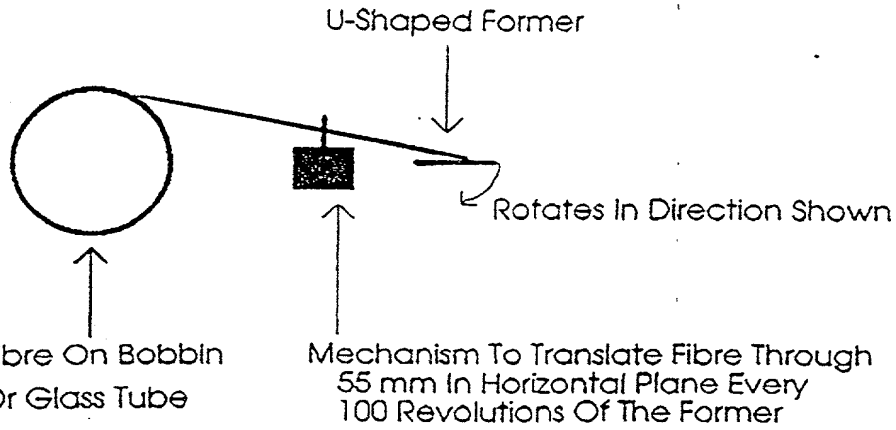


Fig. 4

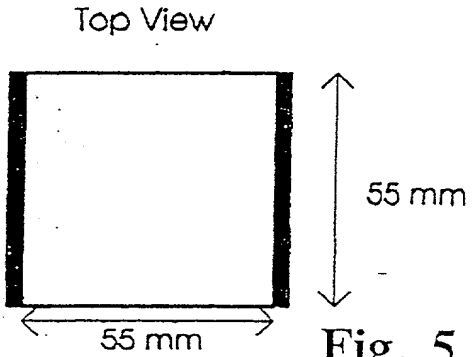


Fig. 5

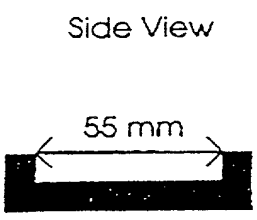


Fig. 6

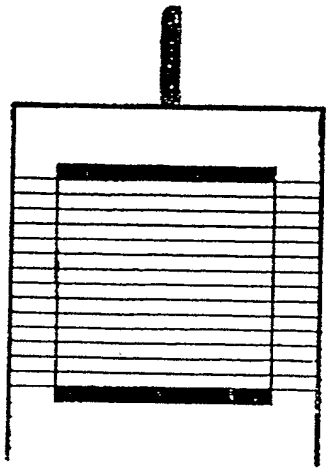


Fig. 7

Modulus Of Irradiated Tenfor Plaques Compacted At Varying Temperatures

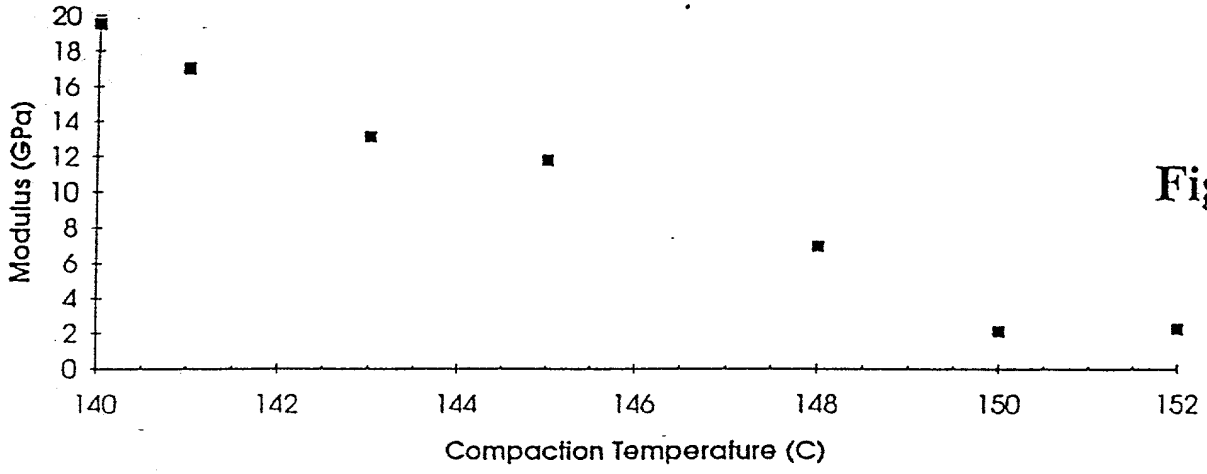


Fig. 8

Longitudinal Strength For Irradiated Tenfor Plaques Compacted At Varying Temperatures

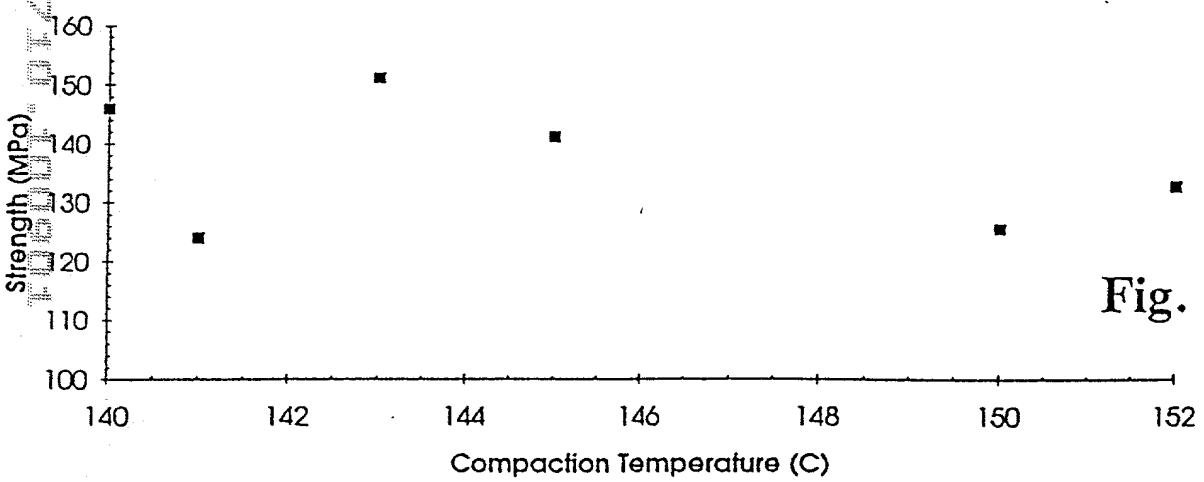


Fig. 9

Transverse Strength For Irradiated Tenfor Plaques Compacted At Varying Temperatures

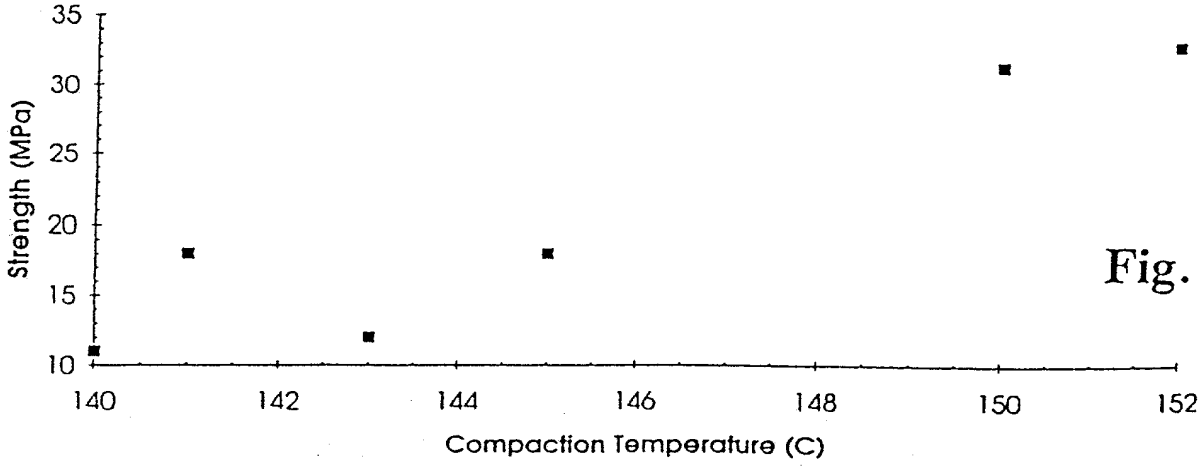


Fig. 10

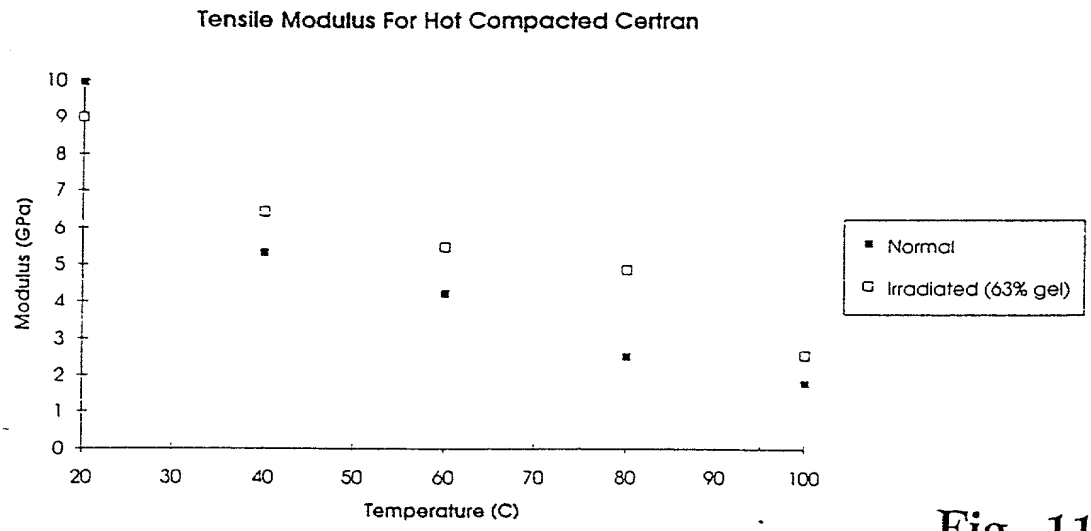

Tensile Modulus For Hot Compacted Certran
Modulus (GPa)
Temperature (C)
Normal
Irradiated (63% gel)

Fig. 11

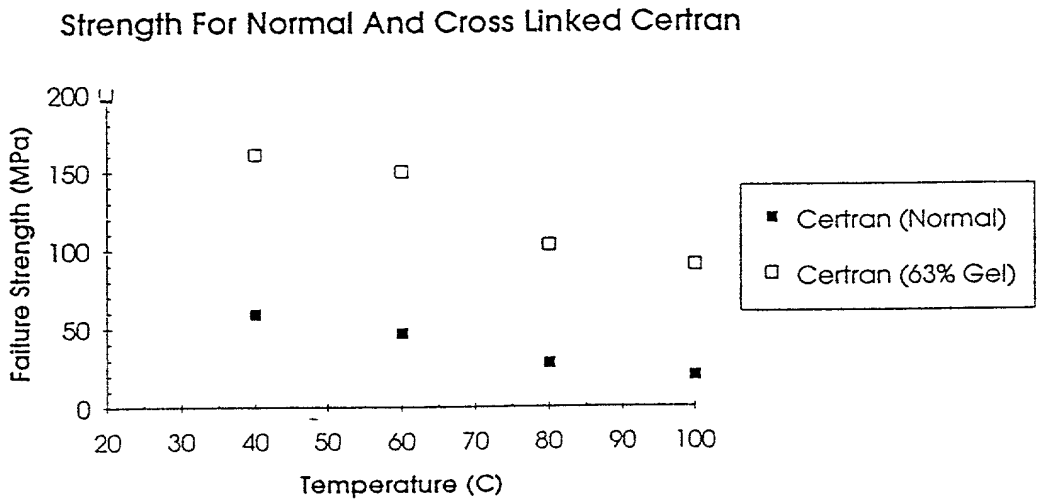

Strength For Normal And Cross Linked Certran
Failure Strength (MPa)
Temperature (C)
Certran (Normal)
Certran (63% Gel)

Fig. 12

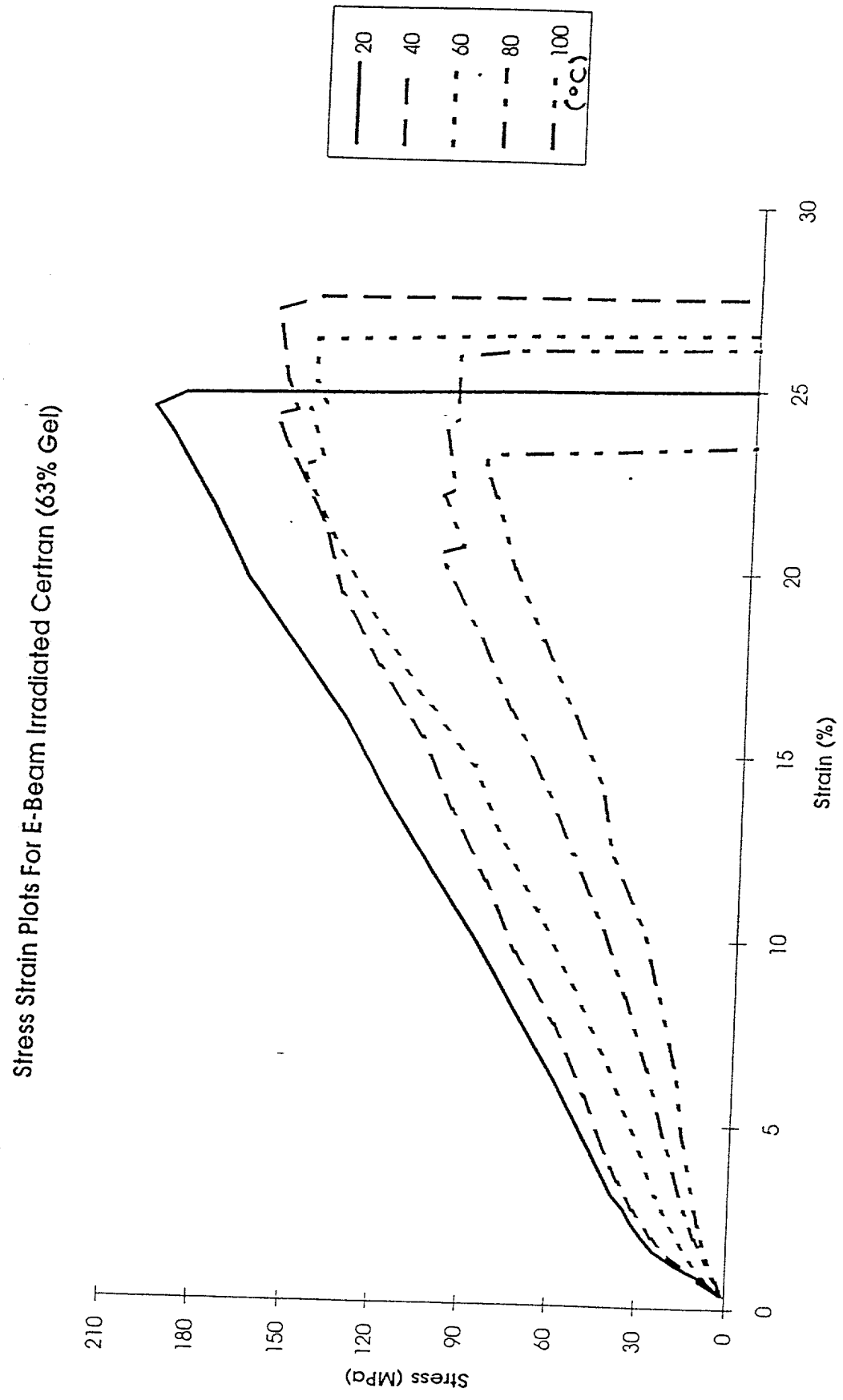
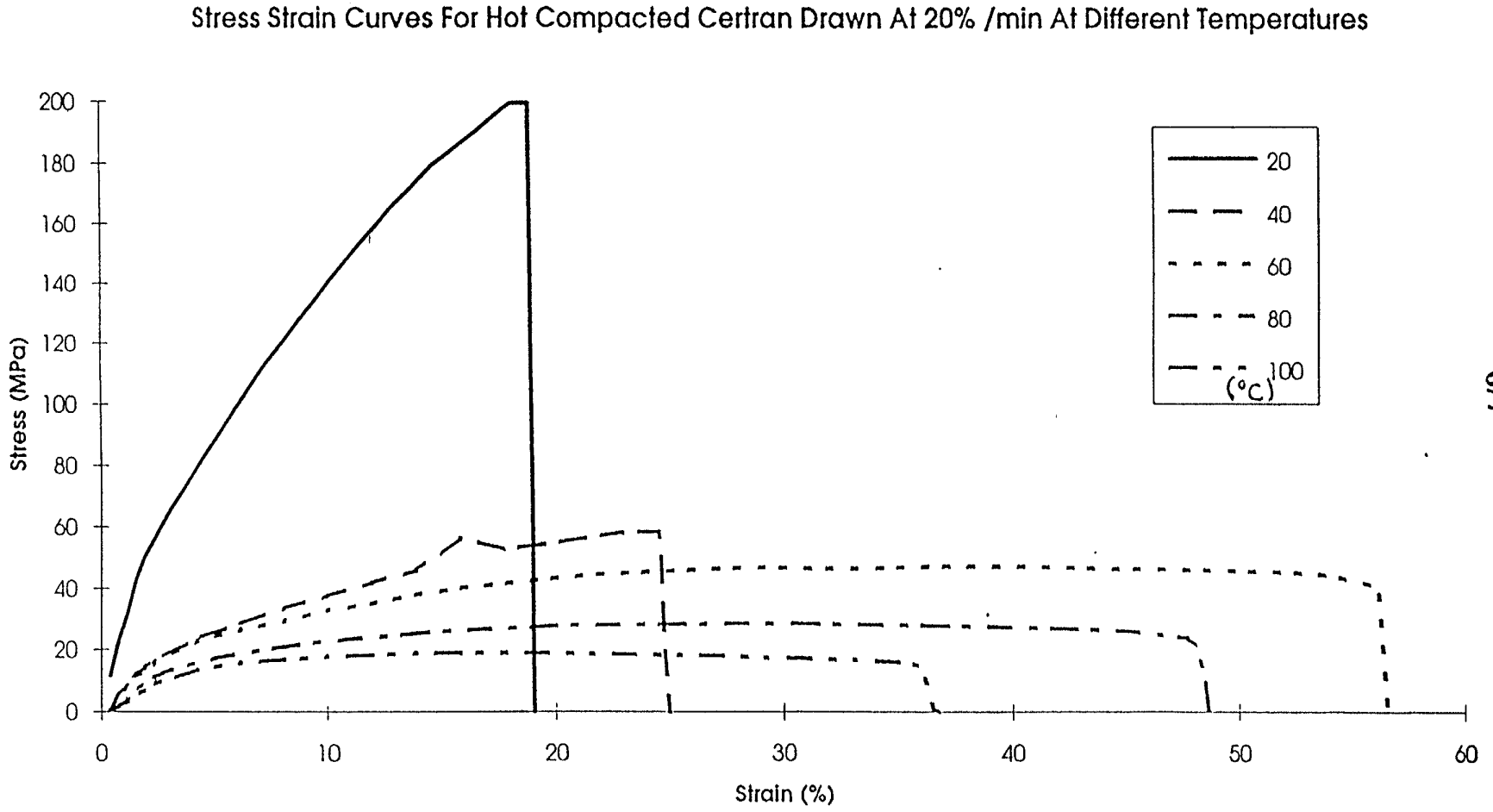

Stress Strain Plots For E-Beam Irradiated Certran (63% Gel)
Stress (MPa)
Strain (%)
0
30
60
90
120
150
180
210
0
5
10
15
20
25
30
20
40
60
80
100
(°C)

Fig. 13


Stress Strain Curves For Hot Compacted Certran Drawn At 20% /min At Different Temperatures
Stress (MPa)
200
180
160
140
120
100
80
60
40
20
0
0
10
20
30
40
50
60
Strain (%)
20
40
60
80
100
(°C)

6/7

Fig. 14

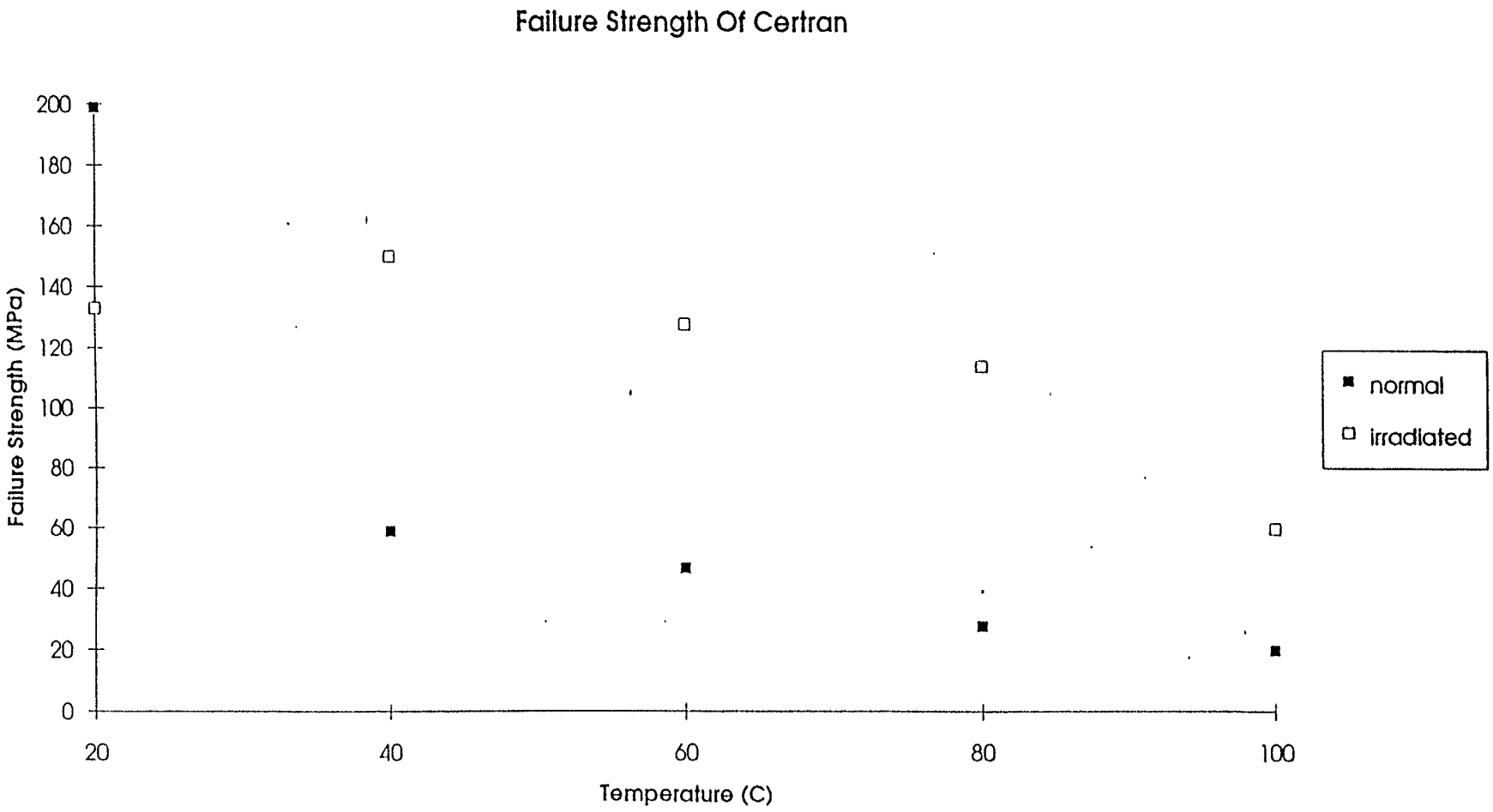


Fig. 15